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at  
**FEDERAL - STATE - PRIVATE  
COOPERATIVE SNOW SURVEYS**



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CURRENT SERIAL RECORDS

# **WATER SUPPLY OUTLOOK FOR IDAHO**

Prepared by

**U. S. DEPARTMENT of AGRICULTURE ★ SOIL CONSERVATION SERVICE**

Collaborating with

IDAHO STATE DEPARTMENT OF WATER ADMINISTRATION

Data included in this report were obtained by the agencies named above in cooperation with Federal, State and private organizations listed inside the back cover of this report.

AS OF  
**MAR. 1, 1972**

## TO RECIPIENTS OF WATER SUPPLY OUTLOOK REPORTS:

Most of the usable water in western states originates as mountain snowfall. This snowfall accumulates during the winter and spring, several months before the snow melts and appears as streamflow. Since the runoff from precipitation as snow is delayed, estimates of snowmelt runoff can be made well in advance of its occurrence. Streamflow forecasts published in this report are based principally on measurement of the water equivalent of the mountain snowpack.

Forecasts become more accurate as more of the data affecting runoff are measured. All forecasts assume that climatic factors during the remainder of the snow accumulation and melt season will interact with a resultant average effect on runoff. Early season forecasts are therefore subject to a greater change than those made on later dates.

The snow course measurement is obtained by sampling snow depth and water equivalent at surveyed and marked locations in mountain areas. A total of about ten samples are taken at each location. The average of these are reported as snow depth and water equivalent. These measurements are repeated in the same location near the same dates each year.

Snow surveys are made monthly or semi-monthly from January 1 through June 1 in most states. There are about 1900 snow courses in Western United States and in the Columbia Basin in British Columbia. Networks of automatic snow water equivalent and related data sensing devices, along with radio telemetry are expanding and will provide a continuous record of snow water and other parameters of key locations.

Detailed data on snow course and soil moisture measurements are presented in state and local reports. Other data on reservoir storage, summaries of precipitation, current streamflow, and soil moisture conditions at valley elevations are also included. The report for Western United States presents a broad picture of water supply outlook conditions, including selected streamflow forecasts, summary of snow accumulation to date, and storage in larger reservoirs.

Snow survey and soil moisture data for the period of record are published by the Soil Conservation Service by states about every five years. Data for the current year is summarized in a West-wide basic data summary and published about October 1 of each year.

COVER PHOTO NUMBER ORC 221-3

## PUBLISHED BY SOIL CONSERVATION SERVICE

The Soil Conservation Service publishes reports following the principal snow survey dates from January 1 through June 1 in cooperation with state water administrators, agricultural experiment stations and others. Copies of the reports for Western United States and all state reports may be obtained from Soil Conservation Service, Western Regional Technical Service Center, Room 209, 701 N. W. Glisan, Portland, Oregon 97209.

Copies of state and local reports may also be obtained from state offices of the Soil Conservation Service in the following states:

STATE	ADDRESS
Alaska	P. O. Box "F", Palmer, Alaska 99645
Arizona	6029 Federal Building, Phoenix, Arizona 85025
Colorado (N. Mex.)	P. O. Box 17107, Denver, Colorado 80217
Idaho	Room 345, 304 N. 8th. St., Boise, Idaho 83702
Montana	P. O. Box 970, Bozeman, Montana 59715
Nevada	P. O. Box 4850, Reno Nevada 89505
Oregon	1218 S. W. Washington St., Portland, Oregon 97205
Utah	4012 Federal Bldg., 125 South State St., Salt Lake City, Utah 84111
Washington	360 U.S. Court House, Spokane, Washington 99201
Wyoming	P. O. Box 2440, Casper, Wyoming 82601

## PUBLISHED BY OTHER AGENCIES

Water Supply Outlook reports prepared by other agencies include a report for California by the Water Supply Forecast and Snow Surveys Unit, California Department of Water Resources, P. O. Box 388, Sacramento, California 95802 --- and for British Columbia by the Department of Lands, Forests and Water Resources, Water Resources Service, Parliament Building, Victoria, British Columbia



# **WATER SUPPLY OUTLOOK FOR IDAHO**

and  
FEDERAL - STATE - PRIVATE COOPERATIVE SNOW SURVEYS

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# WATER SUPPLY OUTLOOK for IDAHO



## GENERAL SUMMARY FOR MARCH 1, 1972

Snowfall during February was slightly below normal on most watersheds of Idaho; however, the winter's accumulation of snow-water remains well above normal throughout the state. Snow-water equivalent values as compared to average on the major watersheds range from 135% on the Henrys Fork and Big Lost Rivers to 190% on the Owyhee River. The snowpack is extremely heavy on all watersheds of north Idaho and all drainages on the south side of the Snake River in southern Idaho and northern Nevada. The snow accumulation on all of these drainages exceeds that of last year which was a record year in many cases. Low spots in the state include the Little Wood and Fish Creek watersheds at 100% and 105% of average, the Priest River at 110%, and Cub River drainage at 125%. A series of intense storms throughout the state during the last week of February and first few days of March resulted in an all-time record accumulation on many snow courses in the state.

Valley precipitation during February ranged from slightly below average on the upper Snake and Owyhee drainages to well above normal on northern Idaho watersheds. The Clearwater drainage received 200% of normal valley precipitation.

Carryover reservoir storage remains excellent and many reservoirs are being lowered to make space for anticipated high volume runoff.

Streamflow forecasts for the major drainages for the April-September period range from 120% of average for the Henrys Fork near Ashton to 200% for the inflow to Owyhee Reservoir. Smaller watersheds are extremely variable with a low forecast of 103% of normal for the Priest River near Priest River and a record 231% forecast for Inflow to Oakley Reservoir. The water supply for irrigation is forecast to be good to excellent throughout the state.

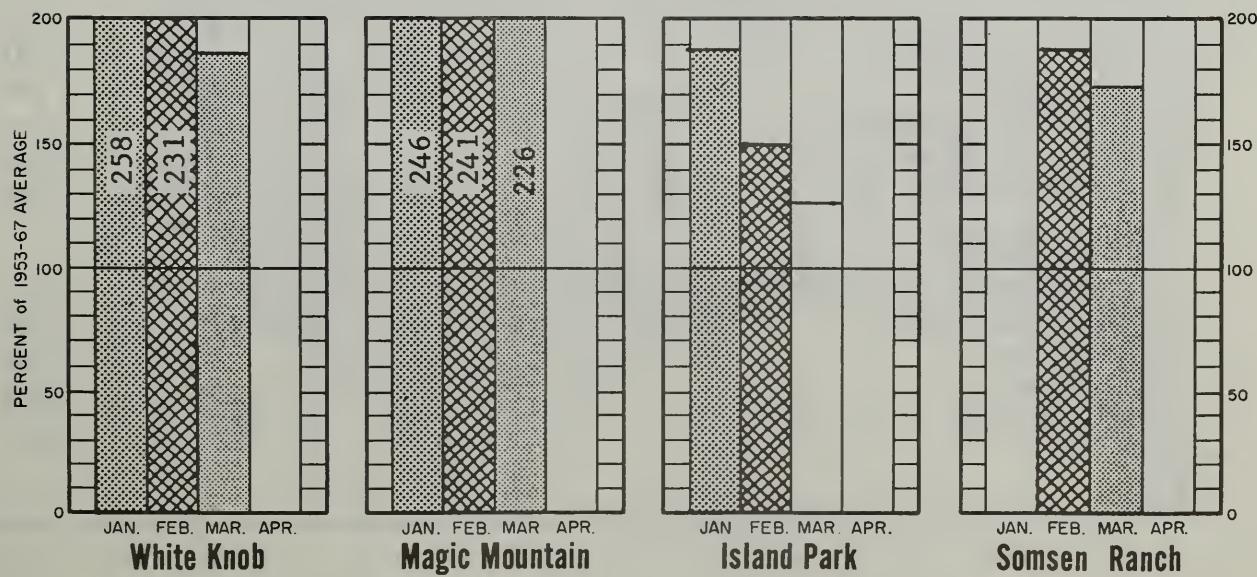
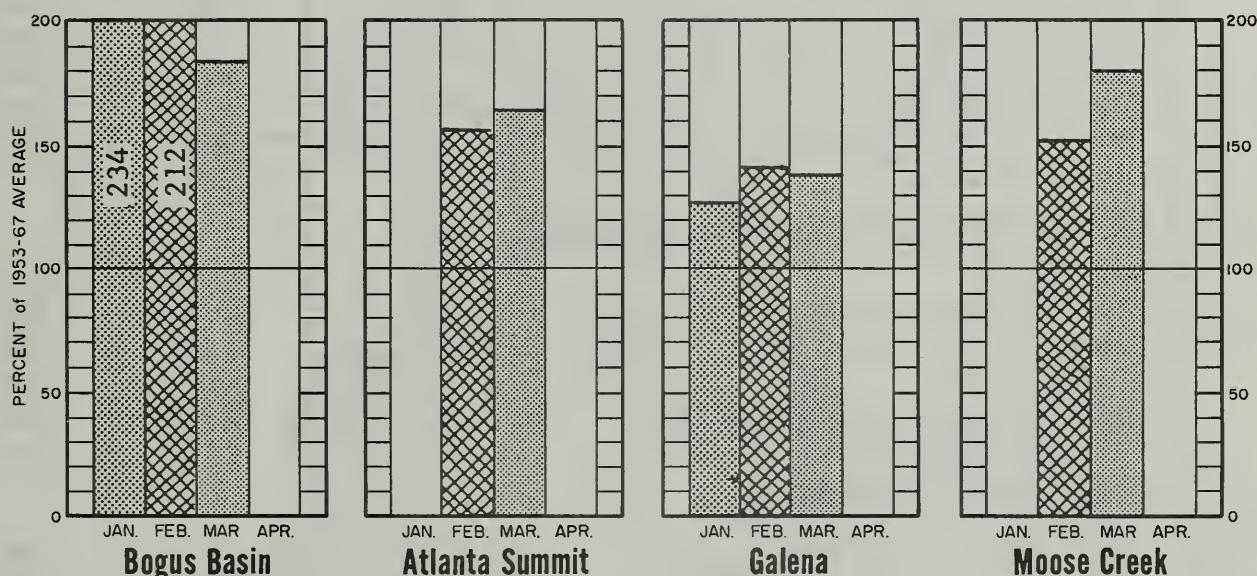
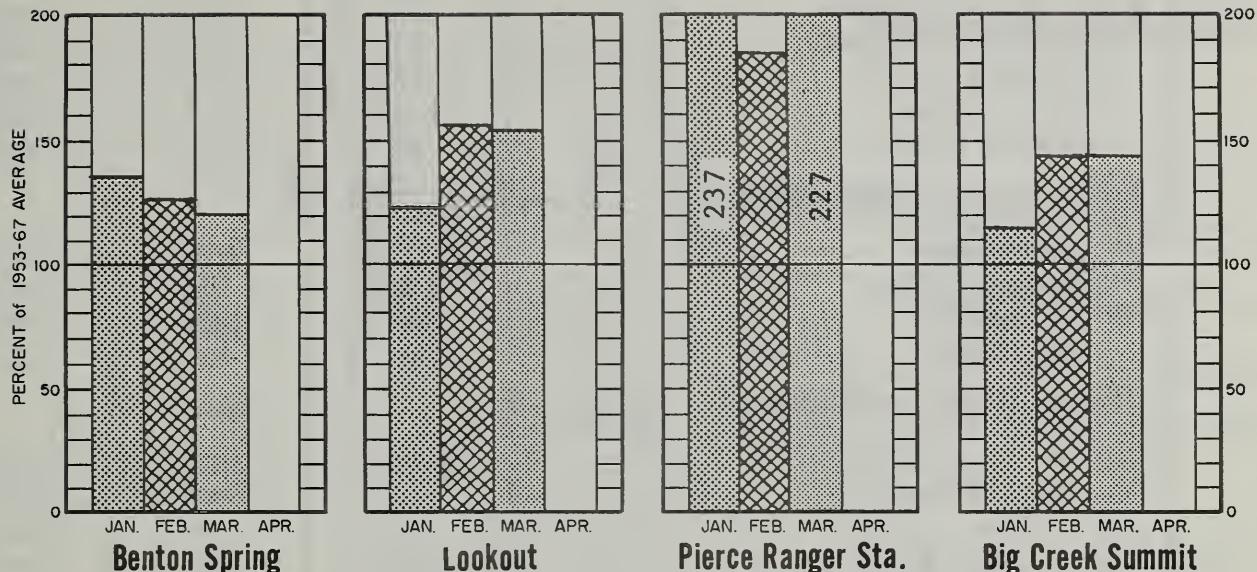
Flooding has been experienced on several low elevation watersheds during January and February and the potential for high, rapid runoff still exists in many areas. Dependent upon weather conditions during the next two months, high runoff is possible on many small drainages throughout Idaho, and also on major drainages such as the Clearwater and Salmon which have no reservoirs for flood control.

# SNOW WATER DEPTHS ACCUMULATION

## For Selected Snow Courses

As Compared To 1953-67 15 Yr. Average

MARCH 1, 1972



## COMPARISON of SNOW COVER

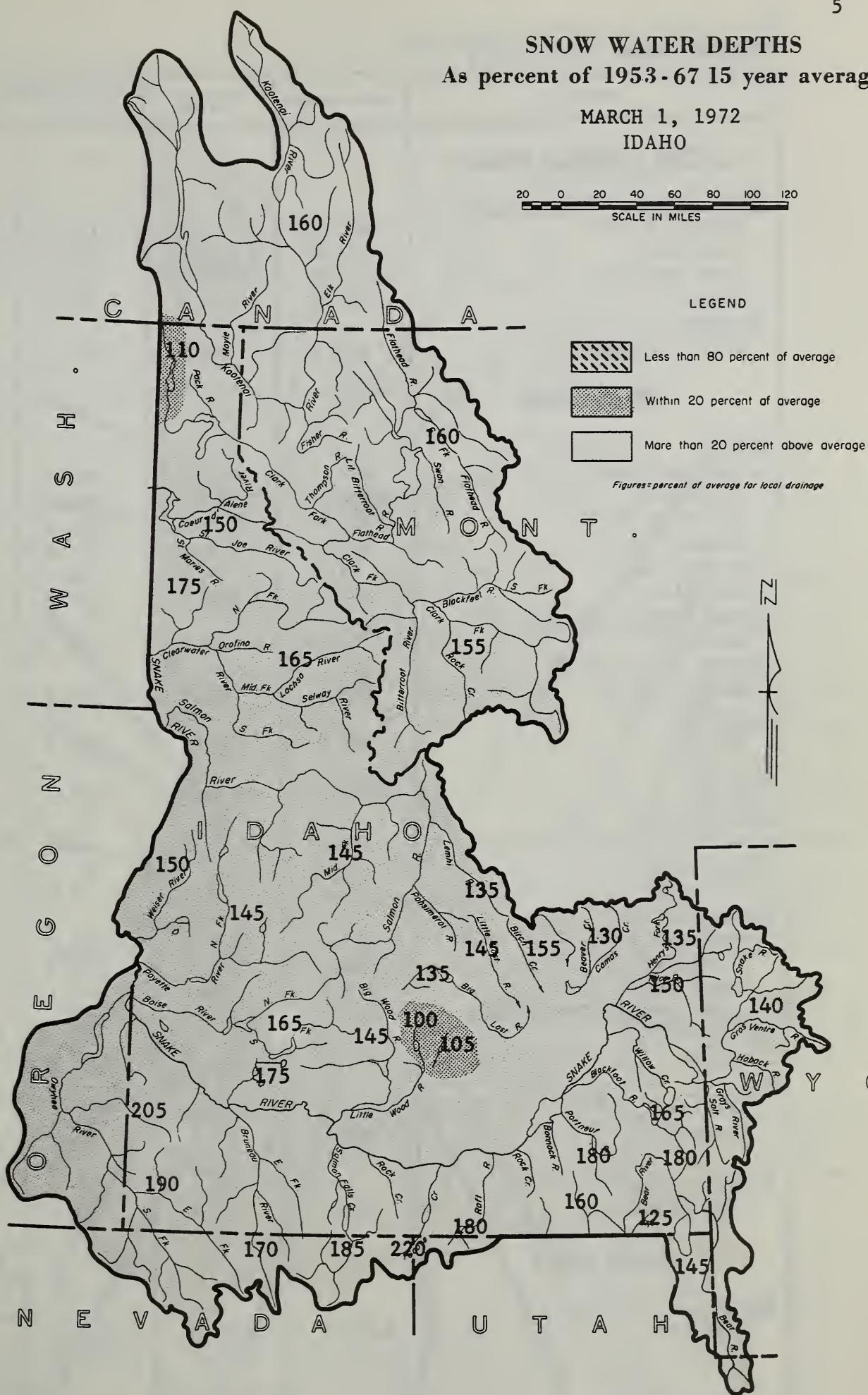
RIVER BASIN WATERSHED	NO. OF COURSES AVERAGED	THIS YEARS SNOW WATER EXPRESSED AS PERCENT OF : LAST YEAR	1953-67 AVERAGE
<u>UPPER COLUMBIA RIVER BASIN</u>			
Kootenai River	19	135	160
Pend Oreille River	70	130	160
Clark Fork River	48	130	155
Flathead River	22	135	160
Priest River	2-3	115	110
Spokane River	10	130	150
<u>LOWER SNAKE RIVER BASIN</u>			
Palouse River	5	270	175
Clearwater River	16-22	140	165
Salmon River	20	105	145
Lemhi River	4-6	120	135
<u>MIDDLE SNAKE RIVER BASIN - Northside</u>			
Little Lost River	5	115	145
Big Lost River	7	95	135
Fish Creek	2	70	105
Little Wood River	4-5	70	100
Big Wood River	10-12	100	145
Canyon Creek	1-7	125	175
Boise River	15	115	165
Payette River	14-16	100	145
Weiser River	2	105	150
Mann Creek	4	90	--
<u>MIDDLE SNAKE RIVER BASIN - Southside</u>			
Raft River	7	130	180
Goose-Trapper Creeks	2	165	220
Salmon Falls Creek	10-11	135	185
Bruneau River	5	110	170
Owyhee River - Idaho & Nevada	7-15	155	190
Jordan Creek	2	155	205
<u>UPPER SNAKE RIVER BASIN</u>			
Upper Snake - Wyoming	22	105	140
Camas-Beaver Creeks	2	75	130
Medicine Lodge Creek	2	85	155
Henrys Fork River	11-12	95	135
Teton River	2-3	115	150
Willow-Sand Creeks	7	150	--
Blackfoot River	4	105	165
Portneuf River	3-8	125	180
<u>GREAT BASIN</u>			
Bear River	2-5	95	145
Montpelier Creek	4-6	110	180
Mink Creek	4-7	90	140
Cub River	2	90	125
Malad River	2-6	120	160

## SNOW WATER DEPTHS

As percent of 1953-67 15 year average

MARCH 1, 1972  
IDAHO

20 0 20 40 60 80 100 120  
SCALE IN MILES



## RESERVOIR STORAGE (1,000 Ac. Ft.)

RESERVOIR	USABLE CAPACITY	MEASURED (First of Month)		
		THIS YEAR	LAST YEAR	1953-57 AVERAGE
<u>UPPER COLUMBIA BASIN</u>				
<u>Clark Fork - Pend Oreille</u>				
Hungry Horse	3428.0	1702.0	2111.0	2269.0*
Flathead	1791.0	911.0	926.7	963.0
Pend Oreille	1155.1	204.0	363.8	508.6
Noxon	334.6	295.0	331.4	293.4*
<u>Spokane</u>				
Coeur d'Alene	225.1	248.0	154.2	136.2
<u>SNAKE BASIN</u>				
<u>Snake</u>				
Jackson Lake	847.0	630.4	602.1	440.8
Palisades	1200.0	875.3	889.8	711.4*
American Falls	1700.0	1276.2	1339.1	1431.6
Island Park	127.0	104.9	117.4	113.2
Grassy Lake	15.2	14.2	12.3	10.8
Brownlee	980.2	604.6	507.7	400.4*
<u>Goose-Trapper Creeks</u>				
Oakley	74.4	45.0	35.7	16.8
<u>Salmon Falls Creek</u>				
Salmon Falls	182.6	89.0	54.8	27.4
<u>Big Lost</u>				
Mackay	44.2	28.0	39.5	31.3
<u>Big Wood</u>				
Magic	191.5	159.6	142.2	102.5
<u>Little Wood</u>				
Little Wood	30.0	20.2	15.0	13.1*
<u>Fish Creek</u>				
Carey Valley	14.4	8.5	9.3	--
<u>Boise</u>				
Anderson Ranch	423.2	225.0	265.9	213.9
Arrowrock	286.6	196.8	278.3	252.6
Lucky Peak	278.2	58.1	68.7	106.6*
Lake Lowell (Deer Flat)	169.0	130.7	125.8	127.9
<u>Owyhee</u>				
Owyhee	715.0	621.2	674.0	411.8
<u>Payette</u>				
Cascade	653.2	291.1	373.1	274.2
Deadwood	161.9	84.9	99.1	74.0
<u>Weiser</u>				
Mann Creek	11.1	4.7	10.0	--
<u>GREAT BASIN</u>				
<u>Bear</u>				
Bear Lake	1421.0	1081.3	1095.2	871.4

\* Period of Record.

# 7 RESERVOIR STORAGE

USABLE CONTENTS (1,000 Acre Feet)

MARCH 1, 1972

50 0 50 100 150  
SCALE IN MILES

Contents  
RESERVOIR  
Capacity

204.0  
PEND OREILLE  
1155.1

248.0  
COEUR D'ALENE  
225.1

84.9  
DEADWOOD  
161.9

291.1  
CASCADE  
653.2

604.6  
BROWNLEE  
980.2

621.2  
OWYHEE  
715.0

130.7  
LAKE LOWELL  
169.0

58.1  
LUCKY PEAK  
278.2

196.8  
ARROWROCK  
286.6

225.0  
ANDERSON RANCH  
423.2

295.0  
NOXON  
334.6

1702.0  
HUNGRY HORSE  
3428.0

911.0  
FLATHEAD LAKE  
1791.0

28.0  
MACKAY  
44.2

104.9  
ISLAND PARK  
127.0

14.2  
GRASSY LAKE  
15.2

630.4  
JACKSON LAKE  
847.0

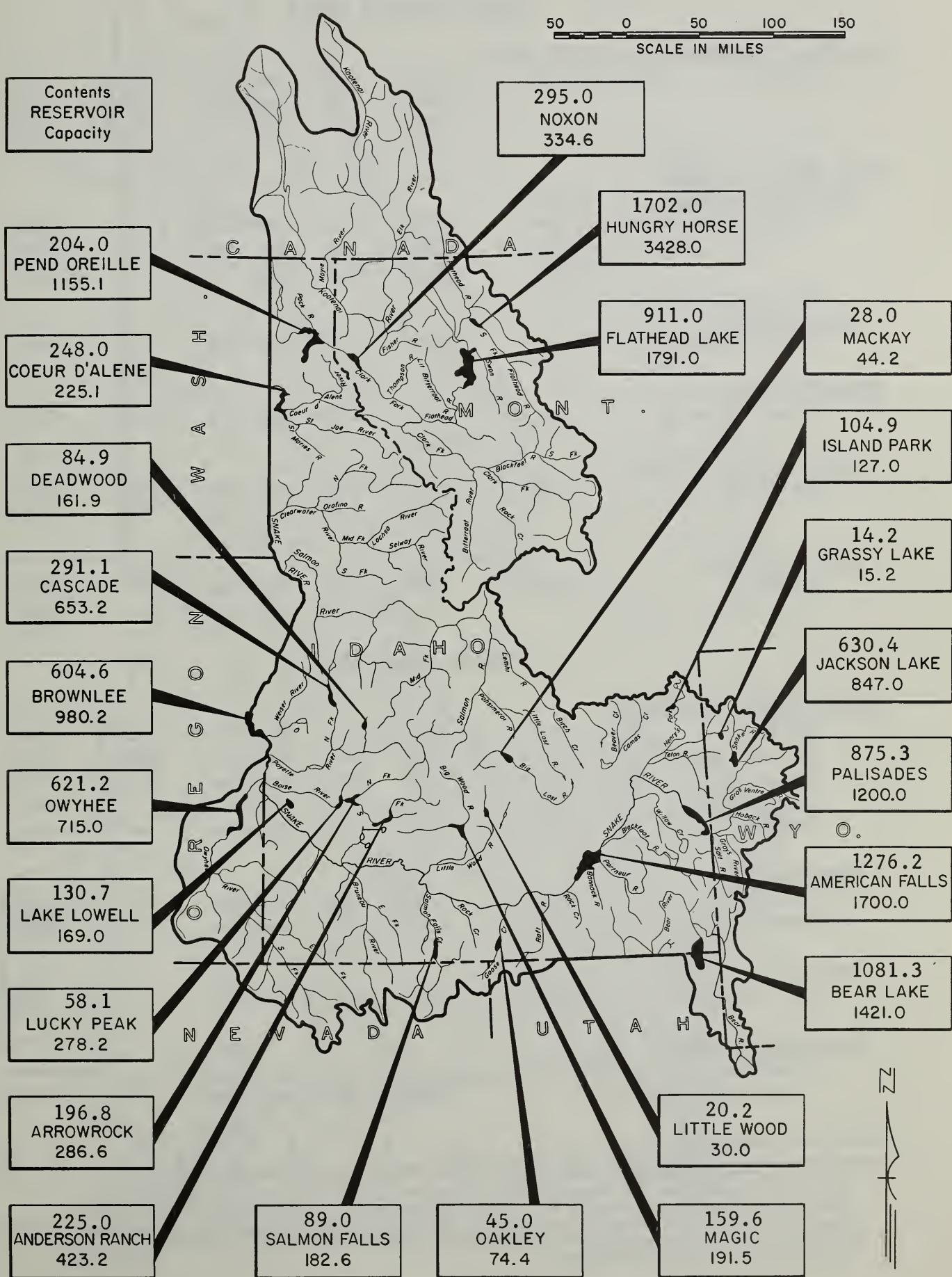
875.3  
PALISADES  
1200.0

1276.2  
AMERICAN FALLS  
1700.0

1081.3  
BEAR LAKE  
1421.0

20.2  
LITTLE WOOD  
30.0

159.6  
MAGIC  
191.5



## STREAMFLOW FORECASTS

BASIN, STREAM and/or FORECAST POINT	THIS YEAR		PAST RECORD	
	FORECAST Thousand Acre Feet	Percent of Average	FORECAST PERIOD	THOUSAND ACRE FEET Last Year

UPPER COLUMBIA BASINKOOTENAI RIVER

Leonia	(at)	12100	132	Apr-Sep	10484	9198
		10900	135	Apr-Jul	9224	8072
		8700	135	Apr-Jun	7416	6463

PEND OREILLE RIVERClark Fork River

Whitehorse Rapids	(at)	20000	143	Apr-Sep	--	13987
		18500	145	Apr-Jul	--	12787
		15500	142	Apr-Jun	--	10953

Priest River

Priest River <u>1/</u>	(nr)	940	103	Apr-Jul	--	914
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SPOKANE RIVER

Post Falls <u>2/</u>	(at)	4300	137	Apr-Sep	3907	3140
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Coeur d'Alene River

Cataldo	(nr)	1785	142	Apr-Sep	--	1259
		1720	143	Apr-Jul	--	1201

St. Joe River

Calder	(at)	1800	132	Apr-Sep	--	1359
		1740	135	Apr-Jul	--	1291

SNAKE RIVER BASINSNAKE RIVER - MAIN STEM

Moran <u>3/</u>	(at)	1148	136	Apr-Sep	1272	846
Palisades Inflow <u>3/</u>		4900	140	Apr-Sep	5800	3500
Heise <u>4/</u>	(nr)	5100	136	Apr-Sep	6267	3743
Blackfoot <u>5/</u>	(nr)	5190	134	Apr-Jul	--	3871
Weiser	(at)	8380	133	Apr-Sep	--	6306

Henry's Fork

Ashton <u>6/</u>	(nr)	730	120	Apr-Sep	--	609
Rexburg <u>7/</u>	(nr)	1500	122	Apr-Sep	--	1229

Teton River

St. Anthony	(nr)	500	127	Apr-Sep	--	394
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Blackfoot River

Blackfoot						
Reservoir Inflow		160	157	Apr-Sep	--	102*

\*1948-62 Average

(c) Assuming normal meteorological conditions. 1/ Observed flow corrected for storage in Priest Lake.

2/ Observed flow corrected for storage in Coeur d'Alene Lake 3/ Corrected for storage in Jackson Lake.

4/ Corrected for storage in Jackson Lake and Palisades. 5/ Corrected for storage in Jackson Lake, Palisades, Island Park, Henry's Lake, Grassy Lake and diversions between Heise and Blackfoot. 6/ Corrected for storage in Henry's Lake and Island Park Reservoir. 7/ Corrected for storage in Henry's Lake, Island Park, Grassy Lake and diversions between Ashton and Rexburg.

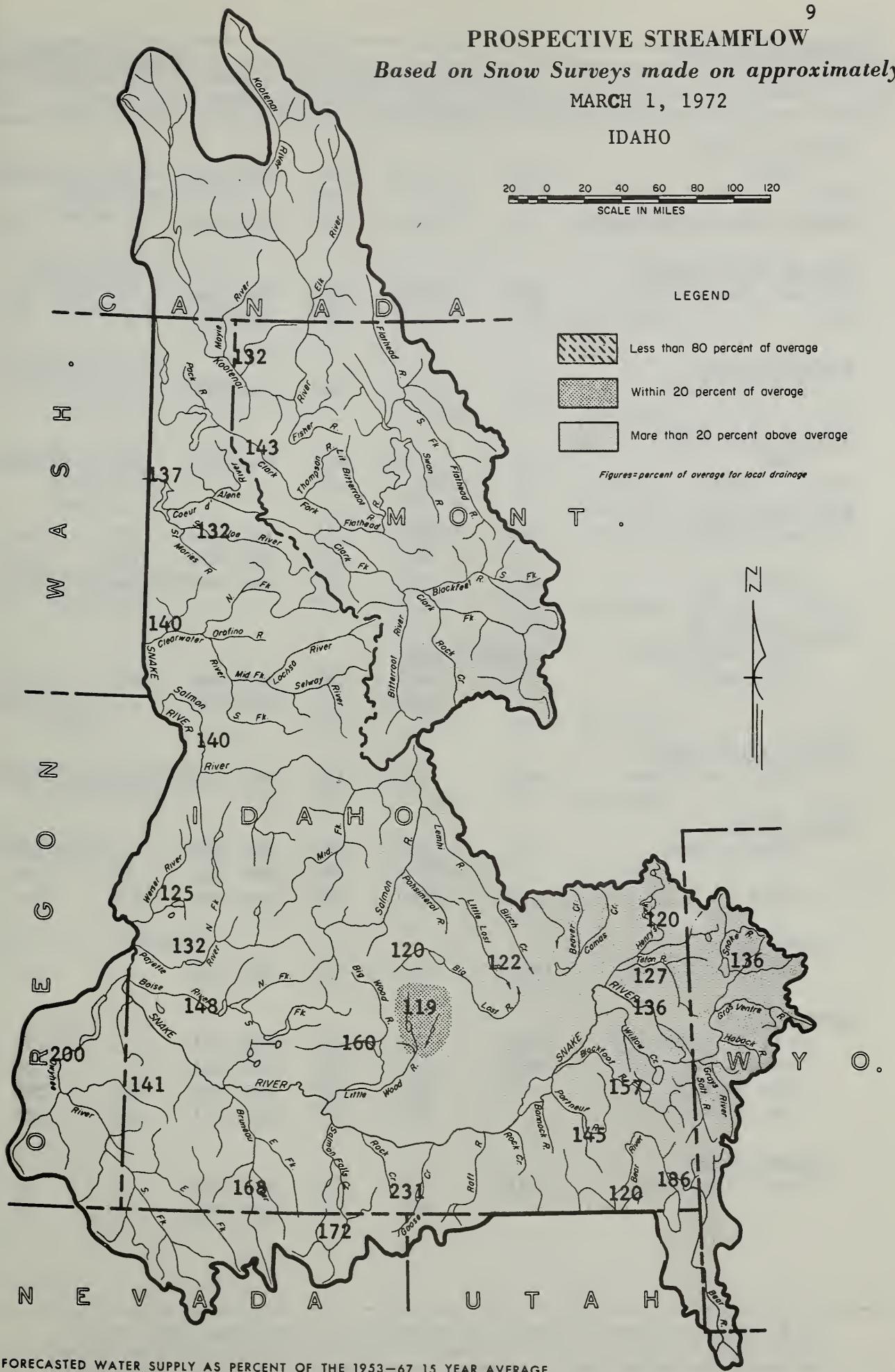
+ 1953-1967 period.

## PROSPECTIVE STREAMFLOW

Based on Snow Surveys made on approximately

MARCH 1, 1972

IDAHO

20 0 20 40 60 80 100 120  
SCALE IN MILES

FORECASTED WATER SUPPLY AS PERCENT OF THE 1953-67 15 YEAR AVERAGE

## STREAMFLOW FORECASTS

BASIN, STREAM and/or FORECAST POINT	THIS YEAR			PAST RECORD		
	FORECAST		FORECAST PERIOD	THOUSAND ACRE FEET	Last Year	Average +
	Thousand Acre Feet	Percent of Average				
<u>Portneuf River</u>						
Topaz	(at)	115	145	Mar-Sep	--	79.4
<u>Oakley Reservoir Inflow</u>		57.5	231	Mar-Sep	--	24.9
<u>Salmon Falls Creek</u>						
San Jacinto	(nr)	120	172	Mar-Sep	--	69.7
		114	173	Mar-Jul	--	66.5
<u>Bruneau River</u>						
Hot Springs	(nr)	320	168	Mar-Sep	--	191
<u>Little Lost River</u>						
Howe	(nr)	46.1	122	Mar-Sep	--	37.8
<u>Big Lost River</u>						
Howell Ranch	(at)	235	120	Apr-Sep	275	196
		170	124	Apr-Jun	184	137
Mackay 1/	(nr)	205	122	Apr-Sep	--	168
<u>Big Wood River</u>						
Magic Reservoir						
Inflow 2/		420	160	Apr-Sep	616	262
		430	161	Mar-Jul	--	268
<u>Little Wood River</u>						
High Five Creek	(ab)	95	119	Apr-Sep	--	80
<u>Boise River</u>						
Twin Springs	(nr)	1060	148	Apr-Sep	--	718
		990	149	Apr-Jul	--	666
Boise 3/	(nr)	2300	148	Apr-Sep	2610	1556
<u>South Fork</u>						
Anderson Dam 4/	(at)	855	148	Apr-Sep	--	577
<u>Owyhee River</u>						
Gold Cr., Nev. 5/	(nr)	39	243	Apr-Jul	--	16.1
Owyhee, Nev. 5/	(nr)	110	183	Apr-Jul	--	60
Lake Owyhee		600	200	Apr-Sep	504	300
net inflow 6/		700	190	Mar-Jul	696	369
<u>Jordan Creek</u>						
Lone Tree Creek	(ab)	120	141	Apr-Jul	--	85
		120	141	Apr-Sep	--	85

(c) Assuming normal meteorological conditions. 1/ Observed flow corrected for storage in Mackay Reservoir  
 2/ Combined flow Big Wood River nr. Bellevue and Camas Creek nr. Blaine. 3/ Corrected for storage in Arrowrock, Anderson Ranch and Lucky Peak. 4/ Corrected for storage in Anderson Ranch Reservoir. 5/ Corrected for storage in Wild Horse Reservoir. 6/ From U.S.B.R. records of inflow.  
 + 1953-1967 period.

## STREAMFLOW FORECASTS

BASIN, STREAM and/or FORECAST POINT	THIS YEAR			PAST RECORD	
	FORECAST		FORECAST PERIOD	THOUSAND ACRE FEET	
	Thousand Acre Feet	Percent of Average		Last Year	Average +

Payette River

Horseshoe Bend <u>1/</u>	(nr)	2430	132	Apr-Sep	2891	1839
Banks <u>2/</u>	(nr)	1320	134	Apr-Jul	--	984

North Fork

Cascade <u>3/</u>	(at)	730	132	Apr-Sep	--	553
Banks <u>3/</u>	(nr)	950	132	Apr-Sep	--	718

Weiser River

Weiser ab. Crane Creek <u>4/</u>		630	125	Mar-Sep	--	504
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Salmon River

Whitebird	(at)	9600	140	Apr-Sep	10398	6850
Challis		1200	135	Apr-Sep	--	892
		1060	136	Apr-Jul	--	779

Clearwater River

Spalding	(at)	12000	140	Apr-Sep	10707	8578
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GREAT BASINBEAR RIVER

Harer	(at)	420	186	Apr-Sep	--	226
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Montpelier Creek

Montpelier	(nr)	22.5	210	Apr-Sep	--	10.7
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Cub River

Preston	(nr)	57.4	120	Apr-Sep	--	47.8*
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\*1956-1967 Average.

## VALLEY PRECIPITATION 1/

## Division Averages and Departures

In Inches

DRAINAGE DIVISIONS	Winter March 1972		Fall - Winter Nov. 71 - March 72	
	Observed	Departure 2/	Observed	Departure 2/
Kootenai, Canada & U. S.	3.48	+1.19	16.71	+4.50
Flathead	2.88	+1.11	11.94	+3.32
Clark Fork	1.58	+0.91	5.48	+1.75
Pend Oreille-Spokane	4.66	+1.65	18.48	+3.00
Upper Snake	1.72	-0.17	10.55	+2.21
Snake River Plain	0.80	+0.09	5.52	+1.98
Salmon-Payette-Boise	2.16	+0.33	11.04	+1.67
Clearwater	4.23	+2.11	14.74	+3.63
Owyhee-Malheur	0.75	-0.10	5.05	+0.77

1/ Preliminary analysis and data by the National Weather Service and Meteorological Service of Canada.

2/ Departure from 15-year (1953-67) drainage division average.

SNOW

DRAINAGE BASIN and/or SNOW COURSE		THIS YEAR			PAST RECORD	
		Date of Survey	Snow Depth (Inches)	Water Content (Inches)	Water Content (inches)	Last Year
NAME	Elevation					

UPPER COLUMBIA RIVER BASINKOOTENAI RIVER

Bear Mountain	5400	3/1	190	80.3	61.1	--
Halverson Creek	4850	3/1	133	57.2	46.2	--

PEND OREILLE - PRIEST RIVER

Benton Meadow	2344	2/29	13	4.3	7.1	5.8
Benton Spring	4900	3/1	59	22.0	16.3	18.2
#Mosquito Ridge (A)	5110	3/8	120	43.2	41.1	33.8
#Mosquito Ridge (SP)	5110	2/29	--	40.0	--	--
Schweitzer Bowl	4500	3/1	88	37.0	31.5	--
Schweitzer Ridge	6100	3/1	123	49.7	43.3	--

SPOKANE RIVER

Above Burke	4100	2/29	95	29.2	28.6	--
Above Burke (SP)	4100	2/29	--	31.2	23.4	--
Copper Ridge	4800	3/1	94	34.2	28.4	26.0
#Forty-nine Meadows	5000	3/8	117	43.4	32.8	28.6*
Fourth of July Summit	3100	2/29	40	13.2	8.3	10.5*
Kellogg Peak (A)	5560	3/8	118	42.5	--	--
Lookout	5250	2/29	134	49.3	40.0	32.3
Lookout (SP)	5250	2/29	--	51.8	--	--
Lower Sands Creek	3400	3/1	72	21.1	19.5	17.8
Mosquito Ridge	5110	3/8	120	43.2	41.1	33.8*
Mosquito Ridge (SP)	5110	2/29	--	40.0	--	--
Outlaw Creek	3750	3/8	68	23.6	16.9	13.7*
Roland Summit (A)	5200	3/8	152	54.7	34.8	34.6*
Sherwin	3200	2/28	72	24.8	13.5	14.1*
Sunset (A)	5600	3/8	146	52.6	--	29.9*

LOWER SNAKE RIVER BASINPALOUSE RIVER

Crumarine Creek	3340	2/29	40	15.4	4.5	6.4*
East Twin	4050	2/29	51	19.2	4.9	12.3*
Howard Creek	3450	2/29	26	10.1	0.8	4.5*
Moscow Mountain	4400	2/29	69	24.3	15.9	15.7*
West Twin	4250	2/29	50	17.5	5.6	11.1*

CLEARWATER RIVER

Cayuse Airstrip	3700	3/7	59	22.8	12.8	11.2
Coolwater Mountain	6200	3/7	133	48.5	34.8	--
Coolwater Mountain (R)	6200	2/28	--	43.6	32.8	--
Coolwater Mountain (SP)	6200	2/28	--	39.0	26.6	--

(b) 1953-67, 15 year period. \*Not located directly on this drainage. \*Estimated 1953-67, 15 year Average. (A) Aerial observation Water content estimated. (SP) Pressure Pillow snow-water equivalent. (R) Radioactive Gage snow-water equivalent.

DRAINAGE BASIN and/or SNOW COURSE		THIS YEAR			PAST RECORD	
		Date of Survey	Snow Depth (Inches)	Water Content (Inches)	Water Content (inches)	Last Year
NAME	Elevation					Average <sup>b</sup>
Cottonwood Butte	5140	2/28	62	22.0	10.8	--
Crater Meadows	6100	3/7	170	67.0	49.6	39.8*
Crooked Fork	3800	2/29	63	24.2	14.5	--
Elk Butte	5550	3/8	158	61.2	36.4	35.8*
Fish Lake Airstrip	5000	3/7	159	62.7	41.8	36.2
Forest	4550	3/1	31	12.1	4.8	6.0*
Forty-nine Meadows	5000	3/8	117	43.4	32.8	28.6*
Goat Lake	6600	3/7	156	60.0	43.4	45.0*
Hemlock Butte (SP)	5500	3/1	--	76.4	58.7	--
#Hoodoo Basin Mont.	6000	2/29	171	68.6	56.2	45.6
#Hoodoo Basin (SP) Mont.	6000	3/1	--	68.5	48.6	--
#Hoodoo Creek Mont.	5900	2/29	176	68.8	51.6	42.5*
Lolo Pass	5230	2/29	128	46.7	32.4	29.0*
Lower Snowhaven	5250	2/28	78	27.7	15.4	--
McCann	4300	3/1	26	10.9	5.8	5.7*
#Nez Perce Pass Mont.	6575	2/25	72	22.7	16.6	13.8*
Orogrande Mountain	7800	Delayed		38.2		--
Orogrande Mountain (R)	7800	2/28	--	40.3	39.9	--
Pierce Ranger Station	3170	3/2	64	23.4	9.9	10.3
Powell Ranger Station	4230	2/29	58	21.0	14.3	13.2*
Savage Pass	6600	2/28	106	36.4	28.3	24.9*
Shanghai Summit	4600	3/7	116	46.0	27.2	22.7*
Sweeney	4435	3/1	29	10.4	4.8	6.0*
Upper Snowhaven	5600	2/28	76	27.0	17.4	--
<u>SALMON RIVER</u>						
Big Creek Summit	6600	2/28	122	43.2	41.8	30.1
#Boulder Creek	5500	2/28	82	31.2	27.2	21.0*
Brundage Mountain	7560	2/28	140	52.1	55.2	--
Chapman Creek	4215	2/28	21	6.9	1.8	2.6*
#Deadwood Summit	7000	2/29	142	49.1	56.6	38.2*
#Deadwood Summit (SP)	7000	2/29	--	49.7	--	--
#Galena Summit	8795	2/28	89	27.8	28.8	19.3
#Gibbons Pass Mont.	7100	2/23	90	29.2	26.8	19.5
Johns Creek	3805	2/28	1	0.3	0.3	1.6*
#Lemhi Pass Mont.	7480	3/1	34	10.3	9.4	6.9
#Lemhi Ridge Mont.	8100	3/1	48	14.3	11.4	--
Mill Creek Summit	8870	2/25	72	24.8	25.8	19.3*
Moose Creek	6200	2/29	72	25.6	19.4	14.2
Morgan Creek	7580	2/26	53	16.0	15.6	13.4*
Redfish Lake	6600	2/26	48	13.2	13.2	--
#Rock Flat Summit	5200	2/28	61	20.4	23.0	15.3
#Secesh Summit	6600	3/2	111	39.4	39.3	--
#Squaw Flat (A)	6230	3/7	87	30.8	33.0	--
#Squaw Meadow	5800	3/2	120	43.0	43.4	32.1*
Vienna Mine	8900	3/7	136	51.3	42.9	30.3*
Whitebird Summit	4390	2/28	34	11.6	7.3	5.3*
Williams Creek Summit	7800	2/29	50	14.1	15.3	10.8*

(b) 1953-67, 15 year period. #Not located directly on this drainage. \*Estimated 1953-67, 15 year Average. (A) Aerial observation Water content estimated. (SP) Pressure Pillow snow-water equivalent. (R) Radioactive Gage snow-water equivalent.

## SNOW

DRAINAGE BASIN and/or SNOW COURSE		THIS YEAR			PAST RECORD	
		Date of Survey	Snow Depth (Inches)	Water Content (Inches)	Water Content (inches)	Last Year
NAME	Elevation					

Lemhi River

Above Gilmore	8200	2/28	41	11.4	10.0	8.3*
Aspen-Hall Pass	8110	2/28	38	10.2	9.5	--
Copes Camp	7500	2/29	35	9.0	7.8	6.5*
Hall Creek	7560	2/29	35	11.0	4.2	--
Meadow Lake	9100	2/28	63	22.3	19.9	17.0*
Schwartz Lake	8500	2/29	49	14.5	12.9	10.5*

## SOIL MOISTURE

STATION		PROFILE (Inches)		SOIL MOISTURE (Inches)			
		DEPTH	CAPACITY	DATE	THIS YEAR	LAST YEAR	2 YEARS AGO
NAME	ELEVATION						
<u>SPOKANE RIVER</u>							
Fourth of July Summit	3100	48	11.6	2/29	10.2	10.3	10.2
Lookout	5250	48	11.0	2/29	6.8	8.4	7.5
<u>CLEARWATER RIVER</u>							
Brown	3100	36	6.7	2/29	5.9	5.9	5.8
Midway	2200	36	6.1	2/29	5.3	5.0	5.1
<u>SALMON RIVER</u>							
Mill Creek Summit	8870	48	8.4	2/25	4.2	5.5	4.4
<u>Lemhi River</u>							
Above Gilmore	8200	60	5.4	2/28	3.9	2.8	2.4
Meadow Lake	9100	48	4.4	2/28	2.4	2.4	1.9

(b) 1953-67, 15 year period. \*Not located directly on this drainage. \* Estimated 1953-67, 15 year Average. (A) Aerial observation Water content estimated. (SP) Pressure Pillow snow-water equivalent. (R) Radioactive Gage snow-water equivalent.

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SNOW

DRAINAGE BASIN and/or SNOW COURSE		THIS YEAR			PAST RECORD	
		Date of Survey	Snow Depth (Inches)	Water Content (Inches)	Water Content (inches)	Last Year
NAME	Elevation					

MIDDLE SNAKE RIVER BASIN - NORTHSIDE

LITTLE LOST RIVER

Fairview Guard Station	6750	2/28	22	5.6	4.4	4.1*
Lost Garfield	6600	2/28	21	6.0	4.4	3.4*
Moonshine	7450	2/28	40	12.7	10.1	9.4*
Sawmill Canyon	6900	2/28	32	8.8	8.8	7.1*
Wet Creek Summit	7600	2/29	48	14.9	14.6	9.3*

BIG LOST RIVER

Bear Canyon	7920	3/7	55	16.3	22.5	15.2
Cherry Creek Pass (A)	8900	3/7	14	4.1	1.4	--
Copper Basin	7650	3/7	28	9.0	12.0	8.0
Dry Fork (A)	7340	3/1	52	16.4	18.2	--
Fishpole Lake (A)	9350	3/7	52	16.2	23.1	--
Grasshopper (A)	8400	3/7	51	15.0	17.8	--
Iron Bog	7650	3/1	45	14.2	17.6	11.0*
Leadbelt	6800	3/1	28	8.6	10.4	8.0*
Lost-Wood Divide (A)	7900	3/7	87	32.2	25.8	20.4*
Mammoth Canyon (A)	8300	3/7	16	5.0	5.8	--
North Fork Meadow (A)	8150	3/7	41	12.9	14.4	--
Stickney Mill	7500	3/7	36	10.0	10.9	7.8
White Knob	7700	3/2	40	13.1	10.4	7.0*

FISH CREEK

#Dry Fork (A)	7340	3/1	52	16.4	18.2	--
Iron Mine Creek	6370	2/24	33	9.0	13.0	8.8*
Telfer Ranch	6000	2/24	28	7.7	10.9	6.9

LITTLE WOOD RIVER

#Bear Canyon	7920	3/7	55	16.3	22.5	15.2
Garfield Ranger Station	6554	2/25	33	8.8	15.0	9.0
Muldoon	6300	2/25	25	6.7	10.6	7.2
Porcupine (A)	8350	3/7	63	19.7	24.1	--
Swede Peak	7500	2/25	49	14.1	21.9	14.4*

BIG WOOD RIVER

Camas Creeks Divide (A)	5720	2/25	39	13.7	11.5	--
#Couch Summit	6950	2/29	57	18.5	25.4	15.2*
Dollarhide Summit (A)	8620	3/7	93	34.4	30.8	21.8*
Galena	7300	2/28	75	23.0	23.2	16.6
Galena Summit	8795	2/28	89	27.8	28.8	19.3
Graham Ranch	6200	2/29	42	13.2	17.4	11.5
#Lost Wood Divide (A)	7900	3/7	87	32.2	25.8	20.4*
Mascot Mine	7900	3/2	45	13.1	15.4	11.8

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SNOW

DRAINAGE BASIN and/or SNOW COURSE		THIS YEAR			PAST RECORD	
		Date of Survey	Snow Depth (Inches)	Water Content (Inches)	Water Content (inches)	Average <sup>b</sup>

Mount Baldy	9000	2/29	72	20.6	23.5	17.0
#Porcupine (A)	8350	3/7	63	19.7	24.1	--
Soldier Ranger Station	6100	2/27	40	14.2	17.0	10.0
#Vienna Mine	8900	3/7	136	51.3	42.9	30.3*

CANYON CREEK

Bennett Mountain	6650	3/2	79	26.1	19.0	14.9*
#Camas Creeks Divide	5720	2/25	39	13.7	11.5	--
#Danskin (A)	5650	3/7	59	20.7	18.3	--
Dixie Hill	5230	2/25	17	6.2	4.7	--
Little Camas Flat	4950	2/25	24	8.6	5.2	--
Long Tom (A)	4550	3/7	6	2.1	2.1	--
#Willow Creek Cabin (A)	4710	3/7	T	T	1.4	--

BOISE RIVER

Atlanta Summit	7500	3/7	128	46.9	42.1	28.6*
Atlanta Summit (SP)	7500	3/2	--	42.9	40.0	--
Bad Bear	5500	2/29	66	23.2	18.2	11.8*
#Bennett Mountain	6650	3/2	79	26.1	19.0	14.9*
#Bogus Basin	6120	2/29	87	34.2	29.5	18.7
Bogus Basin Road	5360	2/29	30	12.1	8.2	5.2*
#Camas Creeks Divide	5720	2/25	39	13.7	11.5	--
Couch Summit	6950	2/29	57	18.5	25.4	15.2*
Danskin (A)	5650	3/7	59	20.7	18.3	--
Deadman Gulch	5600	2/27	75	23.2	20.3	13.2*
#Dixie Hill	5230	2/25	17	6.2	4.7	--
#Dollarhide Summit (A)	8620	3/7	93	34.4	30.8	21.8*
Jackson Peak (A)	7000	2/29	110	40.5	37.2	26.5*
#Little Camas Flat	4950	2/25	24	8.6	5.2	--
#Long Tom (A)	4550	3/7	6	2.1	2.1	--
Moores Creek Summit	6100	2/29	119	42.7	38.9	27.0
Prairie	4900	2/27	34	12.5	9.2	4.7
Road Creek (A)	5550	3/7	55	19.3	12.0	9.0*
#Soldier Ranger Station	6100	2/27	40	14.2	17.0	10.0
Trinity Mountain	7780	3/7	138	55.0	50.6	36.4*
Trinity Mountain (SP)	7780	3/2	--	55.7	--	--
#Vienna Mine	3900	3/7	136	51.3	42.9	30.3*
Willow Creek Cabin (A)	4710	3/7	T	T	1.4	--

PAYETTE RIVER

#Big Creek Summit	6600	2/28	122	43.2	41.8	30.1
Bogus Basin	6120	2/29	87	34.2	29.5	18.7
#Brundage Mountain	7560	2/28	140	52.1	55.2	--
Cozy Cove	5900	3/1	52	19.3	22.3	14.1
Crawford Ranger Station	4800	2/29	34	11.7	11.8	6.9*
#Deadman Gulch	5600	2/27	75	23.2	20.3	13.2*

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 Average. (A) Aerial observation Water content estimated. (SP) Pressure Pillow snow-water equivalent.  
 (R) Radioactive Gage snow-water equivalent.

**SNOW**

DRAINAGE BASIN and/or SNOW COURSE		*Date of Survey	THIS YEAR		PAST RECORD	
NAME	Elevation		Snow Depth (Inches)	Water Content (Inches)	Last Year	Average <sup>b</sup>
Deadwood Airstrip	5440	3/1	50	19.6	18.3	13.7*
Deadwood Dam	5290	3/1	52	19.8	20.5	14.8
Deadwood Summit	7000	2/29	142	49.1	56.6	38.2*
Deadwood Summit (SP)	7000	3/2	--	50.7	--	--
Greenfield Flat (A)	7370	3/7	144	51.0	47.9	--
High Valley Summit	5170	2/25	49	14.8	13.9	8.7*
#Jackson Peak (A)	7000	2/29	110	40.5	37.2	26.5*
Lake Fork	6000	2/25	58	18.4	20.2	13.8*
#Mica Ridge (A)	6800	3/7	119	42.1	43.6	--
Rock Flat Summit	5200	2/28	61	20.4	23.0	15.3
Secesh Summit	6600	3/2	111	39.4	39.3	--
Silver Creek Ridge (A)	5700	3/7	73	25.8	24.0	--
#Squaw Flat (A)	6230	3/7	87	30.8	33.0	--
Squaw Meadow	5800	3/2	120	43.0	43.4	32.1*
Tripod Summit	5200	2/25	66	20.8	20.8	15.6*

WEISER RIVER

Boulder Creek	5500	2/28	82	31.2	27.2	21.0*
Mica Ridge (A)	6800	3/7	119	42.1	43.6	--
Placer Creek	6000	2/25	68	22.0	22.7	14.1*
Squaw Flat (A)	6230	3/7	87	30.8	33.0	--

MANN CREEK

Mann Creek	5980	2/24	76	28.1	30.4	--
Robinson Creek Ridge	6220	2/24	60	22.5	27.8	--
Sturgill Ridge	6680	2/24	90	35.1	36.5	--
Thorson Cabin	5320	2/24	47	15.8	17.5	--

SOIL MOISTURE

STATION	PROFILE (Inches)			SOIL MOISTURE (Inches)			
	NAME	ELEVATION	DEPTH	CAPACITY	DATE	THIS YEAR	LAST YEAR
<u>LITTLE LOST RIVER</u>							
Fairview Guard Station	5850	42	7.6	2/28	8.2	7.8	8.4
Wet Creek Summit	8175	48	17.1	2/29	13.6	13.1	12.4
<u>BIG WOOD RIVER</u>							
Galena	7300	48	10.1	2/28	6.0	7.3	6.2
Galena Summit	8795	48	5.8	2/28	2.1	Frozen	1.3

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SNOW

DRAINAGE BASIN and/or SNOW COURSE		THIS YEAR			PAST RECORD	
		Date of Survey	Snow Depth (Inches)	Water Content (Inches)	Water Content (inches)	Last Year
NAME	Elevation					

MIDDLE SNAKE RIVER BASIN - SOUTHSIDERAFT RIVER

Boy Scout Camp	7600	3/8	56	21.0	15.3	12.8*
Clear Creek Mdws. Utah	9050	3/8	70	24.9	21.8	17.5*
George Peak (SP)	9000	2/29	--	25.3	--	--
Howell Canyon	8000	3/1	109	42.4	30.1	20.5
One Mile Summit Utah	7330	3/8	28	8.4	9.0	6.5*
Sheep Hollow	6200	3/8	23	8.4	5.7	4.8*
Sublett	6000	3/2	53	18.0	12.9	9.0
Summit Springs	6400	3/2	54	19.3	13.8	8.2*

GOOSE CREEK

Badger Gulch	6660	3/1	58	20.4	11.7	9.3
Bostetter Rgr. Sta.	7500	3/8	89	34.8	21.6	15.3
Vi Pont (A)	7670	3/8	62	23.0	--	--

SALMON FALLS CREEK

#Bear Creek	Nev.	7800	3/7	64	25.0	22.1	15.3*
Cedar Creek		7000	3/7	47	17.0	10.0	8.9*
Deadline		6900	2/28	102	40.6	23.5	18.1*
#Fox Creek	Nev.	6800	3/7	35	12.7	12.2	7.9*
Goat Creek	Nev.	8800	3/7	61	21.8	22.4	14.9*
#Hummingbird Spgs.	Nev.	8945	3/7	83	30.2	28.0	17.5*
Magic Mountain		6700	2/28	85	32.7	19.9	14.5
#Pole Creek R.S.	Nev.	8330	3/7	68	25.8	24.2	15.3*
Red Point	Nev.	7940	3/7	40	13.3	13.4	9.5*
Shoshone Basin		5740	2/28	35	14.0	4.0	3.2*
Wilson Creek (A)		7500	3/7	51	20.2	11.2	--

BRUNEAU RIVER

Bear Creek	Nev.	7800	3/7	64	25.0	22.1	15.3*
Fox Creek	Nev.	6800	3/7	35	12.7	12.2	7.9*
Hummingbird Spgs.	Nev.	8945	3/7	83	30.2	28.0	17.5*
Pole Creek R.S.	Nev.	8330	3/7	68	25.8	24.2	15.3*
#Seventy-six Creek (A)	Nev.	7100	2/25	47	15.5	12.3	9.1*
#Seventy-six Creek	Nev.	7100	3/7	52	20.0	12.3	9.1*

OWYHEE RIVER

Antelope Ridge		5900	2/28	40	14.3	7.5	4.2*
Battle Creek (A)		5700	3/7	12	4.2	1.2	--
#Bear Creek	Nev.	7800	3/7	64	25.0	22.1	15.3*
Bull Basin (A)		5600	3/7	0	0.0	1.2	--
#Fox Creek	Nev.	6800	3/7	35	12.7	12.2	7.9*
Hyde Pasture (A)		5800	3/7	21	8.0	5.1	--

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## SNOW

DRAINAGE BASIN and/or SNOW COURSE		Date of Survey	THIS YEAR		PAST RECORD	
			Snow Depth (Inches)	Water Content (Inches)	Water Content (inches)	Last Year

Mud Flat	5500	2/28	30	9.3	6.3	4.7*
Red Canyon (A)	6650	3/7	36	12.6	6.7	--
#Seventy-six Creek (A)	Nev. 7100	2/25	47	15.5	12.3	9.1*
#Seventy-six Creek	Nev. 7100	3/7	52	20.0	12.3	9.1*
Silver City	6400	3/1	64	25.6	15.7	12.5
South Mountain	6340	2/25	62	19.1	12.7	9.5
Succor Creek (A)	6100	3/7	36	13.6	2.6	--
Triangle (A)	5150	3/7	0	0.0	1.2	--
Vaught Ranch (A)	5950	3/7	18	6.3	1.2	--
War Eagle (A)	7700	3/7	69	24.1	16.6	--

## SOIL MOISTURE

STATION		PROFILE (Inches)		SOIL MOISTURE (Inches)			
NAME	ELEVATION	DEPTH	CAPACITY	DATE	THIS YEAR	LAST YEAR	2 YEARS AGO
<u>RAFT RIVER</u>							
Conner Pass	5700	36	9.8	2/28	9.0	8.9	--
Howell Canyon	8000	48	11.5	3/1	7.6	9.6	7.2
Sheep Hollow	6200	36	7.5	3/8	6.5	7.0	6.1
Sublett	6000	36	7.0	3/2	6.1	6.0	5.8
<u>GOOSE CREEK</u>							
Badger Gulch	6660	36	7.0	3/1	6.5	7.0	6.3
<u>SALMON FALLS CREEK</u>							
Patrick Ranch	5720	36	7.7	3/7	7.0	6.6	6.7
Pole Creek R. S.	8330	48	9.7	3/7	8.0	9.1	4.9
<u>BRUNEAU RIVER</u>							
Bear Creek	7800	72	16.9	3/7	11.0	15.4	10.9
<u>OWYHEE RIVER</u>							
Mud Flat	5500	48	12.8	2/28	14.0	14.0	14.4

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SNOW

DRAINAGE BASIN and/or SNOW COURSE		THIS YEAR			PAST RECORD	
		Date of Survey	Snow Depth (Inches)	Water Content (Inches)	Water Content (inches)	Last Year
NAME	Elevation					

UPPER SNAKE RIVER BASINCAMAS-BEAVER CREEKS

Camp Creek	6800	2/25	33	9.9	13.3	7.8
Kilgore	6200	2/28	33	11.2	15.6	8.3

MEDICINE LODGE CREEK

Irving Creek	7035	2/28	27	6.4	7.7	4.5*
Webber Creek	6700	2/28	30	7.2	7.9	4.2*

HENRYS FORK RIVER

Big Springs	6500	2/28	70	25.6	26.2	17.9
Black Canyon	7850	2/25	106	38.4	39.6	28.5*
Black Moose	8125	2/25	133	53.2	47.6	34.0*
Grassy Lake Wyo.	7230	3/1	116	43.3	41.1	29.1
Island Park	6315	2/28	51	17.6	20.7	13.9
Latham Springs	7650	2/25	96	34.8	37.4	27.8*
Lucky Dog	6900	2/25	74	27.8	32.0	21.1*
Old Road	7250	2/25	69	23.4	34.8	24.3*
Poacher's Cabin	8000	2/25	98	37.2	37.8	29.0*
Sawtelle Mountain	8715	2/28	94	35.8	39.5	--
Targhee Pass	7000	2/28	49	16.5	18.7	12.0*
Valley View	6500	2/28	51	19.1	22.2	13.3

TETON RIVER

Freds Mountain	8000	2/29	78	29.4	28.6	--
Pine Creek Pass	6750	2/29	57	20.9	17.1	14.6*
State Line	6400	2/29	54	19.1	14.1	12.2

WILLOW CREEK

Aspen Grove	6600	2/29	45	16.2	12.2	--
Birch Creek	6800	2/29	61	25.5	10.1	--
Bone	6200	3/1	33	11.1	9.1	--
Ozone	5800	3/1	0	0.0	0.4	--
Sheep Mountain	6510	3/1	52	18.5	16.1	--
Tex Creek	6700	2/29	41	13.2	9.8	--

SAND CREEK

Henry Creek	5650	2/28	7	3.4	1.3	--
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**SNOW**

DRAINAGE BASIN and/or SNOW COURSE		Date of Survey	THIS YEAR		PAST RECORD	
NAME	Elevation		Snow Depth (Inches)	Water Content (Inches)	Water Content (inches)	Last Year

BLACKFOOT RIVER

Austin Bros. Ranch	6450	3/1	37	12.2	11.2	6.8*
China Hat	6300	3/1	30	10.0	6.8	5.4
Slug Creek Divide	7225	2/25	61	19.0	19.4	13.1*
Somsen Ranch	7000	3/1	53	17.1	16.9	9.9*

PORTNEUF RIVER

Cove	5525	3/2	27	9.0	5.8	--
Dempsey Creek	6230	3/1	48	17.1	14.3	9.1*
Lower Pebble	5800	2/29	66	22.8	16.0	--
Mink Creek	6300	3/1	59	21.5	16.6	12.7
Moser	5950	3/2	36	11.5	10.8	--
North Bancroft #1	5460	3/2	16	6.2	5.2	--
North Bancroft #2	5430	3/2	9	3.0	3.2	--
Pebble Creek	6550	3/2	60	22.6	17.6	12.1

SOIL MOISTURE

STATION		PROFILE (Inches)		SOIL MOISTURE (Inches)			
NAME	ELEVATION	DEPTH	CAPACITY	DATE	THIS YEAR	LAST YEAR	2 YEARS AGO
<u>HENRYS FORK RIVER</u>							
Island Park	6315	48	9.9	2/28	8.3	8.3	7.6
Valley View	6500	48	13.3	2/28	7.7	Frozen	Frozen
<u>TETON RIVER</u>							
Pine Creek Pass	6750	48	13.3	2/29	11.7	12.2	12.1
State Line	6400	48	14.8	2/29	14.2	13.9	12.6
Teton Pass	8500	48	10.5	1/27	9.6 <sup>f</sup>	11.6	7.2
<u>PORTNEUF RIVER</u>							
Lower Pebble	5800	36	7.6	2/29	7.6	6.4	4.8
Pebble Creek	6550	48	7.2	3/2	5.6	6.2	4.5
f February Measurement							

(b) 1953-67, 15 year period. #Not located directly on this drainage. \*Estimated 1953-67, 15 year Average. (A) Aerial observation Water content estimated. (SP) Pressure Pillow snow-water equivalent. (R) Radioactive Gage snow-water equivalent.

SNOW

DRAINAGE BASIN and/or SNOW COURSE		THIS YEAR			PAST RECORD	
		Date of Survey	Snow Depth (Inches)	Water Content (Inches)	Last Year	Average <sup>b</sup>
NAME	Elevation					

GREAT BASINBEAR RIVER

Emigrant Summit	7350	2/25	82	28.8	31.6	19.2*
Emigration Canyon	6500	2/25	50	14.8	13.0	8.6*

Montpelier Creek

Giveout	6840	2/29	55	18.9	15.3	10.1*
Little Beaver	6970	2/29	63	21.8	19.1	13.4*
Lower Home Canyon	7500	2/28	55	18.3	17.6	--
Montpelier Creek	6570	2/29	40	12.7	9.7	6.8*
Upper Home Canyon	8500	2/28	81	29.0	30.2	--
Whiskey Flat	6985	2/29	44	14.9	13.2	8.1*

Mink Creek

Christensen Ranch	5600	2/28	27	7.6	10.6	7.3*
Dry Basin (A)	7900	2/28	85	29.8	34.0	--
#Emigrant Summit	7350	2/25	82	28.8	31.6	19.2*
Horseshoe Basin (A)	8000	2/28	66	23.2	30.0	--
Liberty Spring	8600	3/1	113	43.4	46.9	--
Strawberry Creek	5800	2/28	36	11.9	12.4	9.3*
Strawberry Mink Divide	6800	3/1	67	25.9	25.8	17.2*

Cub River

Cub River R. S.	5400	2/28	27	8.5	10.2	7.5*
Willow Flat	6100	2/28	47	16.9	18.3	12.7*

MALAD RIVER

Cliff Canyon	7200	2/25	49	15.0	9.6	--
Daniels Creek	6400	2/25	37	10.0	7.5	--
Dry Creek Flat	6350	2/28	28	10.1	10.8	6.2*
Lower Elkhorn	6850	2/25	53	18.5	13.9	--
Oxford Mountain	6800	2/28	38	12.9	11.4	8.0*
Upper Elkhorn	7100	2/25	70	23.1	20.0	--

SOIL MOISTURE

STATION	PROFILE (Inches)			SOIL MOISTURE (Inches)		
	DEPTH	CAPACITY	DATE	THIS YEAR	LAST YEAR	2 YEARS AGO
NAME	ELEVATION					
<u>BEAR RIVER</u>						
Emigrant Summit	7350	36	8.2	2/25	7.1	6.7
Strawberry Creek	5800	48	12.7	2/25	11.8	11.7
<u>Montpelier Creek</u>						
Giveout Pass	7025	36	9.4	2/29	Frozen	7.4
Jenson Ranch	6580	48	18.7	2/29	7.6	7.4

(b) 1953-67, 15 year period. #Not located directly on this drainage. \*Estimated 1953-67, 15 year Average. (A) Aerial observation Water content estimated. (SP) Pressure Pillow snow-water equivalent. (R) Radioactive Gage snow-water equivalent.



# Agencies and Organizations Cooperating in Idaho Snow Surveys

## GOVERNMENT AGENCIES

### Canada:

Department of Lands, Forests, and  
Water Resources, British Columbia  
Department of Resources and Development,  
Water Resources Division

### States:

Idaho State Department of Water Administration  
State of Idaho Department of Fish and Game  
University of Idaho  
Idaho State University  
Montana Agricultural Experiment Station  
Montana State Water Conservation Board  
Nevada Cooperative Snow Surveys  
Oregon Agricultural Experiment Station  
Oregon Cooperative Snow Surveys  
Oregon State Engineer and Corps of  
State Watermasters  
Utah Cooperative Snow Surveys  
Wyoming Cooperative Snow Surveys

### Federal:

U. S. Army Engineers  
  
U. S. Department of Agriculture  
Forest Service  
Agriculture Research Service  
  
U. S. Department of Commerce  
NOAA, National Weather Service  
  
U. S. Department of the Interior  
Bonneville Power Administration  
Bureau of Reclamation  
Fish and Wildlife Service  
Water Resources Division, Geological Survey  
Indian Service  
National Park Service  
Bureau of Land Management

## PUBLIC UTILITIES

The Montana Power Company  
Washington Water Power Company  
Idaho Power Company  
Utah Power and Light Company

## ORGANIZED PUBLIC AGENCIES

Big Lost River Irrigation District  
Boise Project Board of Control  
Little Wood River Irrigation District  
Jordan Valley Irrigation District  
Salmon Falls Creek Irrigation Company  
Twin Falls Soil Conservation District  
Twin Lakes Irrigation Company  
Big Wood Irrigation Company  
Owyhee Project - North & South Board of Control

## PRIVATE CORPORATIONS

Amalgamated Sugar Company

*Other organizations and individuals furnish valuable information for  
snow survey reports. Their cooperation is gratefully acknowledged.*

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